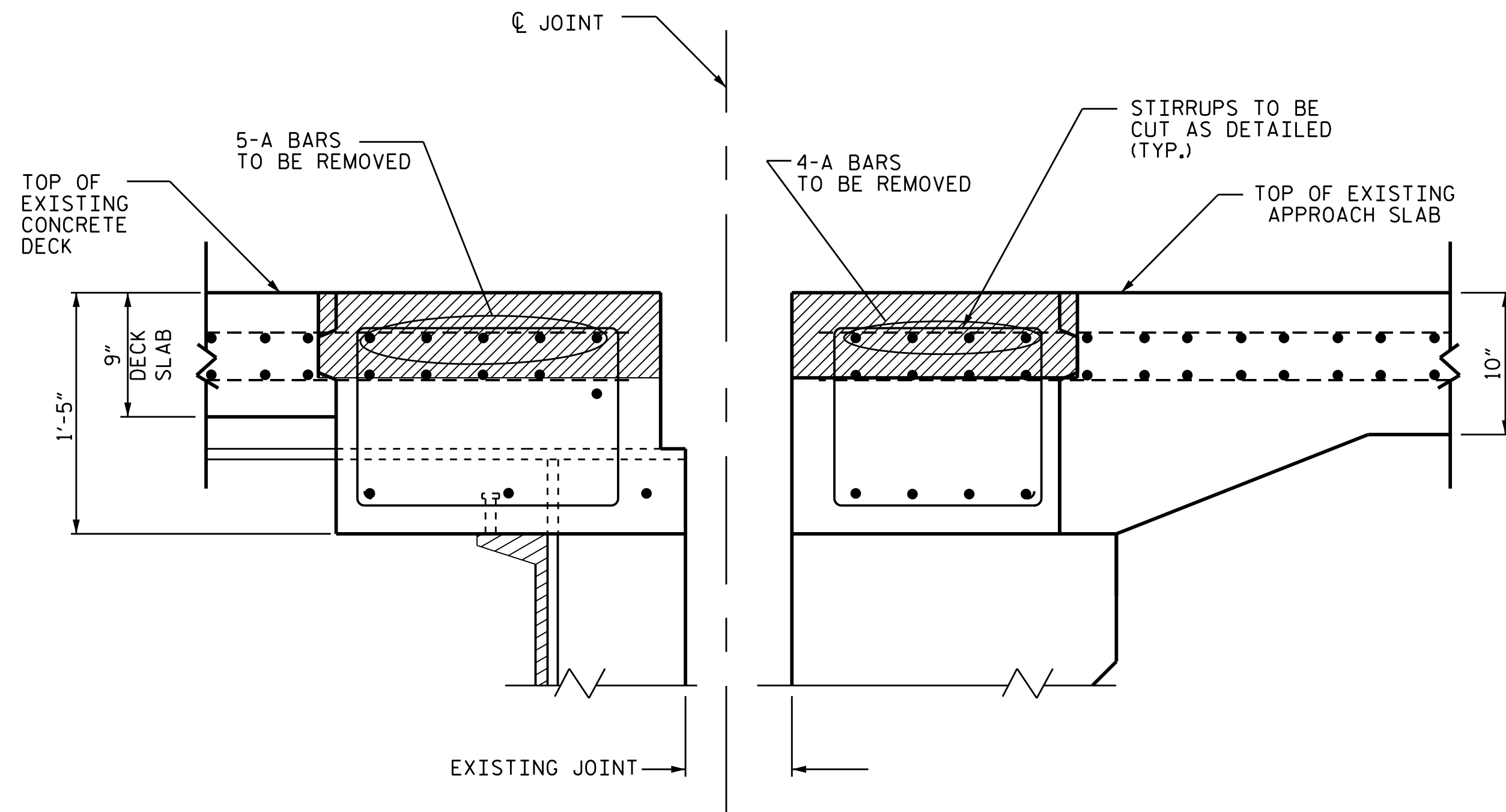
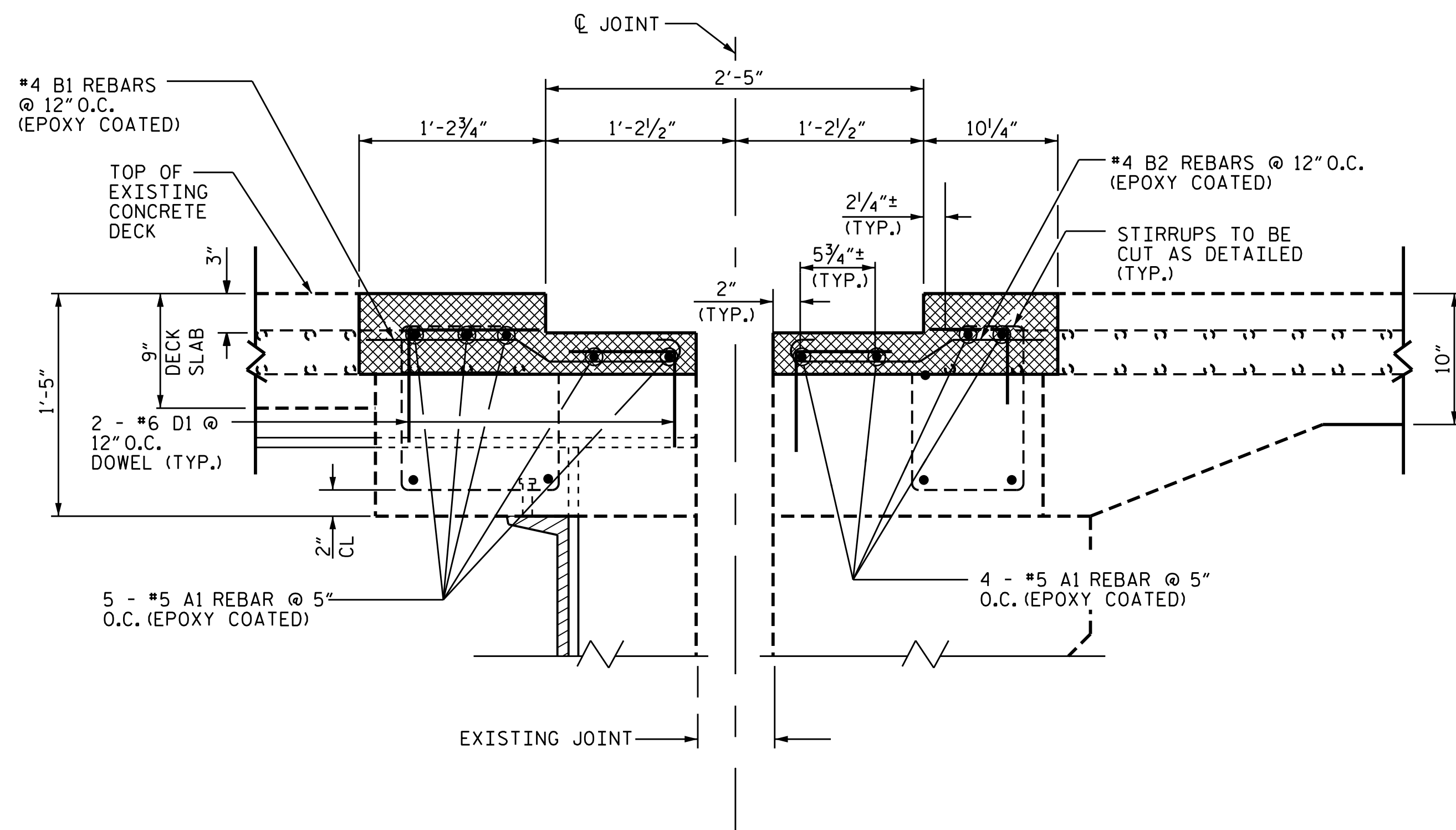


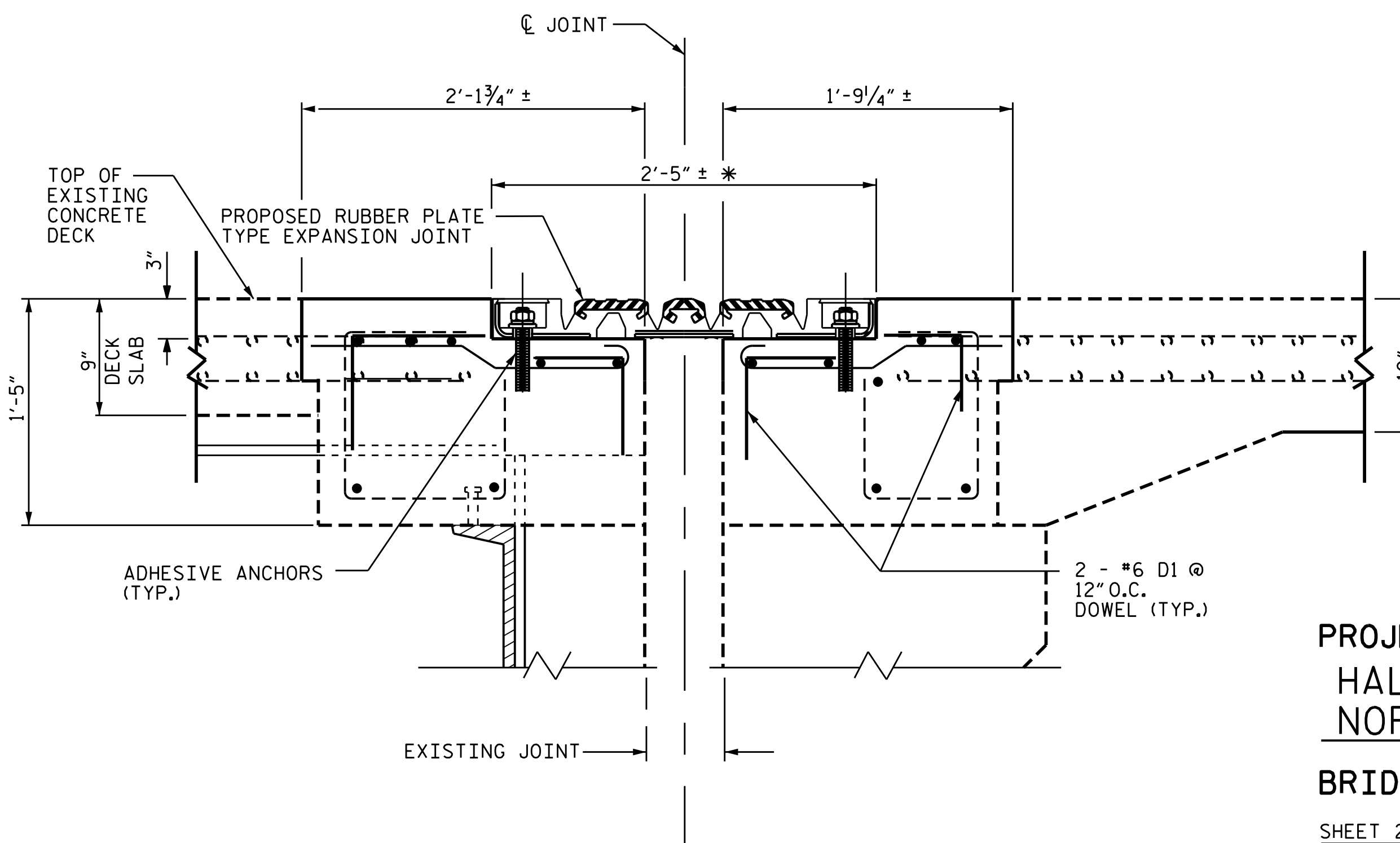
**EXISTING MODULAR JOINT**  
(BETWEEN MODULAR JT. BOXES)



**MODULAR JOINT REMOVED**  
(BETWEEN MODULAR JT. BOXES)



**CONCRETE AND REBAR REMOVED**  
(BETWEEN MODULAR JT. BOXES)



**PROPOSED JOINT REPAIR**  
(BETWEEN MODULAR JT. BOXES)  
(THE REINFORCING MAY BE SHIFTED SLIGHTLY)

**NOTE:**  
EXISTING MODULAR EXPANSION JOINT DETAIL ARE SHOWN FOR INFORMATION ONLY. ACTUAL FIELD CONDITIONS MAY VARY. THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT IF ACTUAL CONDITIONS VARY FROM WHAT IS SHOWN IN THESE PLANS.

THE CONTRACTOR SHALL HAVE A REPRESENTATIVE FROM THE JOINT MANUFACTURER PRESENT DURING INSTALLATION OF PROPOSED EXPANSION JOINT SEAL.

ALL EXPOSED ENDS OF CUT BARS SHALL BE COATED WITH EPOXY PRIOR TO THE NEW JOINT MATERIAL INSTALLATION.

THE CONTRACTOR SHALL PREPARE THE BOTTOM SURFACE OF BLOCKOUT TO BE PARALLEL WITH THE PLANE OF THE ROADWAY AND PROVIDE A UNIFORM SURFACE.

FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE ARTICLE 420-13 OF THE STANDARD SPECIFICATIONS. PERFORM LEVEL 1 FIELD TESTING AT A TEST LOAD OF 10,000 LBS.

EXISTING CONCRETE TO BE REMOVED

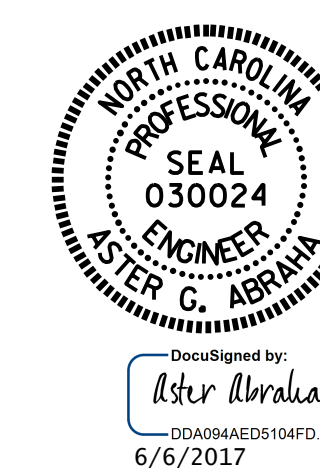
NEW CONCRETE FOR DECK BUILD UP.

\* TO BE VERIFIED BY MANUFACTURER

PROJECT NO. I-5839  
HALIFAX &  
NORTHAMPTON COUNTIES  
BRIDGE NO. 139, 141, 009  
& 011  
SHEET 2 OF 2

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

END BENT 1 & 2  
MODULAR JOINT  
REPLACEMENT



DocuSigned by:  
Aster Abruja  
DD4884ED5104FD  
6/6/2017

DRAWN BY : S. T. SANDOR DATE : 04/2017  
CHECKED BY : W. C. SMITH DATE : 04/2017

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-36
1			3			TOTAL SHEETS
2			4			42